

AMENDMENTS TO THE CLAIMS

LISTING OF CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

--1. (Currently Amended) A recording medium ~~configured to record having recorded thereon~~ first data in a form of a track consisting of a plurality of pits, second data by displacing the pits from the track in a direction normal to the track, and content data representing contents of the first data, including reproduction-mode identification data ~~that indicates whether the second data is recorded on the medium representing a reproduction mode of reproducing the first data and the second data.~~

--2. (Cancelled)

--3. (Previously Presented) The recording medium according to claim 2, wherein the reproduction-mode identification data represents a first reproduction mode in which a signal is reproduced by performing an operation on the first data and on the second data, and a second reproduction mode in which the first data, the second data, or both the first and second data are reproduced.

--4. (Previously Presented) The recording medium according to

claim 1, having a first recording area for recording the first data and the second data and a second recording area for recording the content data that is read before the first recording area.

--5. (Previously Presented) The recording medium according to claim 1, wherein the first data is 16-bit digital audio data modulated in an 8-to-14 modulating scheme.

--6. (Previously Presented) The recording medium according to claim 5, wherein the second data is 4-bit digital audio data modulated in an 8-to-14 modulating scheme and the first data and the second data together form 20-bit audio data.

--7. (Previously Presented) The recording medium according to claim 1, wherein the pits corresponding to the second data are displaced in the direction normal to the track by distances within a range that allows a laser beam to scan the track.

--8-13. (Cancelled)

--14. (Currently Amended) A method for reproducing data from a recording medium ~~on which the~~ having recorded thereon first data, second data, or both the first data and the second data ~~are recorded~~, and content data representing contents of the first data is recorded, ~~said the~~ first data recorded in a form of a track

consisting of a plurality of pits, said the second data recorded by displacing the pits from the track in a direction normal to the track, and said the content data including identification data that indicates whether the second data is recorded on the recording medium and ~~reproduction-mode identification data that represents a mode for reproducing the second data, wherein the content data further includes reproduction-mode identification data representing a reproduction mode of reproducing the first data and the second data,~~ said the method comprising the steps of:

~~determining a type of the recording medium from the identification data read from the recording medium; and~~

receiving the selection of the user of one of the reproduction mode of reproducing the first data and the second data; and

~~reproducing the first data and the second data read from the recording medium in accordance with the reproduction-mode identification data selected reproduction mode selected by the user,~~ when the second data is recorded on the recording medium.

--15. (Previously Presented) The method of reproducing data from a recording medium, according to claim 14, wherein the reproduction-mode identification data represents a first reproduction mode for reproducing a signal by performing an operation on the first data and on the second data, and a second reproduction mode for reproducing the first data or the second data, or both the first data and the second data.

--16. (Previously Presented) The method of reproducing data from a recording medium, according to claim 15, wherein, when the reproduction-mode identification data represents the first reproduction mode, an operation is performed on two data items obtained by reproducing the first data and the second data, both read from the recording medium.

--17. (Previously Presented) The method of reproducing data from a recording medium, according to claim 16, wherein, when the reproduction-mode identification data represents the second reproduction mode, either a first data item obtained by reproducing the first data or a second data item obtained by reproducing the second data is output.

--18. (Previously Presented) The method of reproducing data from a recording medium, according to claim 14, wherein the first data read from the recording medium is reproduced and output when the second data is not recorded on the recording medium.

--19. (Currently Amended) An apparatus for reproducing data from a recording medium ~~on which having recorded thereon~~ first data or second data, or both the first data and the second data ~~are recorded~~, and content data representing contents of the first data ~~is recorded~~, ~~said the~~ first data recorded in a form of a track

consisting of a plurality of pits, said the second data recorded by displacing the pits from the track in a direction normal to the track, and said the content data including identification data that indicates that whether the second data is recorded on the recording medium and reproduction-mode identification data that represents a mode for reproducing the second data, wherein the content data further includes reproduction-mode identification data representing a reproduction mode of reproducing the first data and the second data, said apparatus comprising:

a head section configured to apply a laser beam to scan the recording medium;

a signal-reproducing section configured to reproduce a signal read from the recording medium by the head section; and

a reproduction mode selection button manipulated by the user to select the reproduction mode of reproducing the first data and the second data; and

a control section configured to determine a type of the recording medium from the reproduction-mode identification data read from the recording medium and to cause the signal-reproducing section to reproduce the first data and the second data, both read from the recording medium, in accordance with the reproduction-mode identification data selected reproduction mode selected by the user, when the second data is recorded on the recording medium.

--20. (Previously Presented) The apparatus for reproducing

data, according to claim 19, wherein the signal-reproducing section comprises;

a first signal-processing section configured to perform at least demodulation in a signal output from the head section,

a second signal-processing section configured to perform at least demodulation on a component of the signal output from the head section, which corresponds to the displacement of pits from the track in a direction normal to the track, and

a mixing section configured to mix the data output from the first signal-processing section and the data output from the second signal-processing section.

--21. (Previously Presented) The apparatus for reproducing data, according to claim 20, further comprising a switching circuit which is controlled by the control section for selecting the data output from the first signal-processing section or data output from the mixing section.

--22. (Previously Presented) The apparatus for reproducing data, according to claim 21, wherein the control section further controls the switching circuit to select the data output from the mixing section when the reproduction-mode identification data read from the recording medium by the head section represents a reproduction mode in which a signal is reproduced by performing an operation on the first data and on the second data.

--23. (Previously Presented) The apparatus for reproducing data, according to claim 21, wherein the control section further controls the switching circuit to select the data output from the first signal-processing section when the reproduction-mode identification data read from the recording medium by the head section represents a reproduction mode in which the first data or the second data, or both the first data and the second data are reproduced.

--24. (Previously Presented) The apparatus for reproducing data, according to claim 20, further comprising a switching circuit configured to supply the second signal-processing section with a component of a signal in accordance with a control signal supplied from the control section, said component of the signal being one corresponding to the displacement of the pits from the track in the direction normal to the track.

--25. (Previously Presented) The apparatus for reproducing data, according to claim 19, wherein the control section outputs data output from the signal-reproducing section and corresponding to the first data read from the recording medium, when the identification data read from the recording medium by the head section indicates that the second data is found not to be recorded on the recording medium.